

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application.

1. (Previously Presented) A method for recording the boiling curve of a liquid comprising evaporating and subsequently condensing into a condensate collection chamber a sample amount of the liquid, so to obtain a condensed liquid and a distillation residue, and monitoring the vapor temperature and the sample amount of the liquid which has evaporated, wherein the sample amount of the liquid is dosed by a filling means, which filling means and condensate collection chamber are brought to a defined temperature level, and determining the volume of the condensed liquid and the weight of the distillation residue, wherein the filling means is a pump and the sample amount of the liquid is pumped into a sample dish which is moved by the aid of a lifting drive into a gas-tight connection with a distillation apparatus and pressed at the distillation apparatus, thereby recording the boiling curve of the liquid.

2. (Canceled)

3. (Previously Presented) A method for recording the boiling curve of a liquid comprising evaporating and subsequently condensing into a condensate collection chamber a sample amount of the liquid, so to obtain a condensed liquid and a distillation residue, and monitoring the vapor temperature and the sample amount of the liquid which has evaporated, wherein the sample amount of the liquid is dosed by a filling means, which filling means and condensate collection chamber are brought to a defined temperature level, and determining the volume of the condensed liquid and the weight of the distillation residue, wherein the filling means for the dosing of the

sample amount of the liquid, after the determining step via at least one valve is switched to remove the condensate by suction, thereby recording the boiling curve of the liquid.

4. (Previously Presented) A method according to claim 1, wherein the sample dish is discarded after one-time use.

5. (Previously Presented) A method according to claim 1, wherein the sample amount of the liquid is used in an amount of from 1 to 12 ml, that a distillation rate is such that the time between the onset of boiling and the end of boiling is less than 15 minutes, and that the distillation residue determined by weighing is converted to volume.

6-20. (Canceled)